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Get Now: ☒ PDF | [More choices...](#)Tools: Add to Work File: [Create new Wor](#)View: [INPADOC](#) | Jump to: [Top](#)  Go to: [Derwent...](#) [Ema](#)**Title:** JP11260372A2: MANUFACTURE OF NONAQUEOUS SECONDARY B**Country:** JP Japan**Kind:** A**Inventor:** FURUKAWA SANEHIRO;
FUJIMOTO MASAHISA;
YOSHINAGA NORIYUKI;
UENO KOJI;**Assignee:** SANYO ELECTRIC CO LTD
[News, Profiles, Stocks and More about this company](#)**Published / Filed:** 1999-09-24 / 1999-01-14**Application** JP1999000008215**Number:****IPC Code:** [H01M 4/66](#); [H01M 2/02](#); [H01M 4/02](#); [H01M 10/40](#);**Priority Number:** 1999-01-14 [JP1999019998215](#)**Abstract:**

... PROBLEM TO BE SOLVED: To improve the cycle characteristic and load characteristic, while preventing the elution of a collector by constructing a positive electrode collector and/or a positive electrode armor of aluminum with aluminum oxide coating on the surface and having lithium intercalate into a negative electrode material by injecting an electrolyte.

... SOLUTION: A positive electrode collector is constructed of an aluminum foil with the surface covered with aluminum oxide. By mixing petroleum coke with N-methylpyrrolidone solution, in which polyvinylidene fluoride is dissolved, a mixed solution is prepared. Next, by applying this mix solution to a negative electrode collector made of copper foil and then bringing the negative collector into contact with lithium foil, a negative electrode 2 is formed. Lithium on the negative electrode 2 is intercalated into the petroleum coke serving as a negative electrode material after injecting the electrolyte. Then, a separator 3 is arranged between the positive electrode 1 and the negative electrode 2, and these are wound up into a spiral shape and form a group 4 of electrodes.

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Family: None**Other Abstract** DERABS C1999-596408 DERABS C1999-596408
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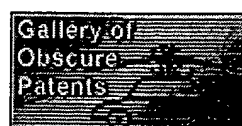
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PATENT ABSTRACTS OF JAPAN(21) Application number: **11008215**(51) Intl. Cl.: **H01M 4/66 H01M 2/02 H01M 10/40**(22) Application date: **14.01.99**

(30) Priority:	(71) Applicant: SANYO ELECTRIC CO
(43) Date of application publication: 24.09.99	(72) Inventor: FURUKAWA SANEHIRO FUJIMOTO MASAHIRO YOSHINAGA NORIYUK UENO KOJI
(84) Designated contracting states:	(74) Representative:

**(54) MANUFACTURE OF
NONAQUEOUS
SECONDARY BATTERY**

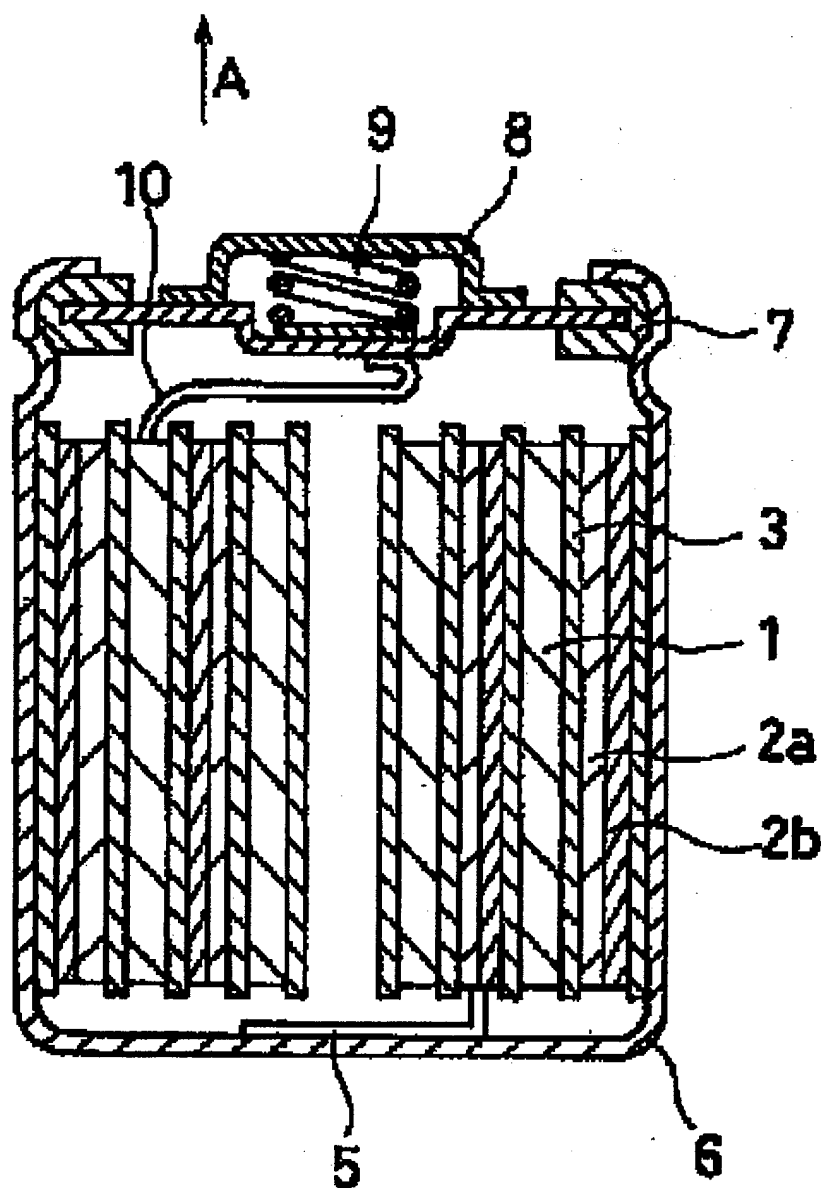
(57) Abstract:

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